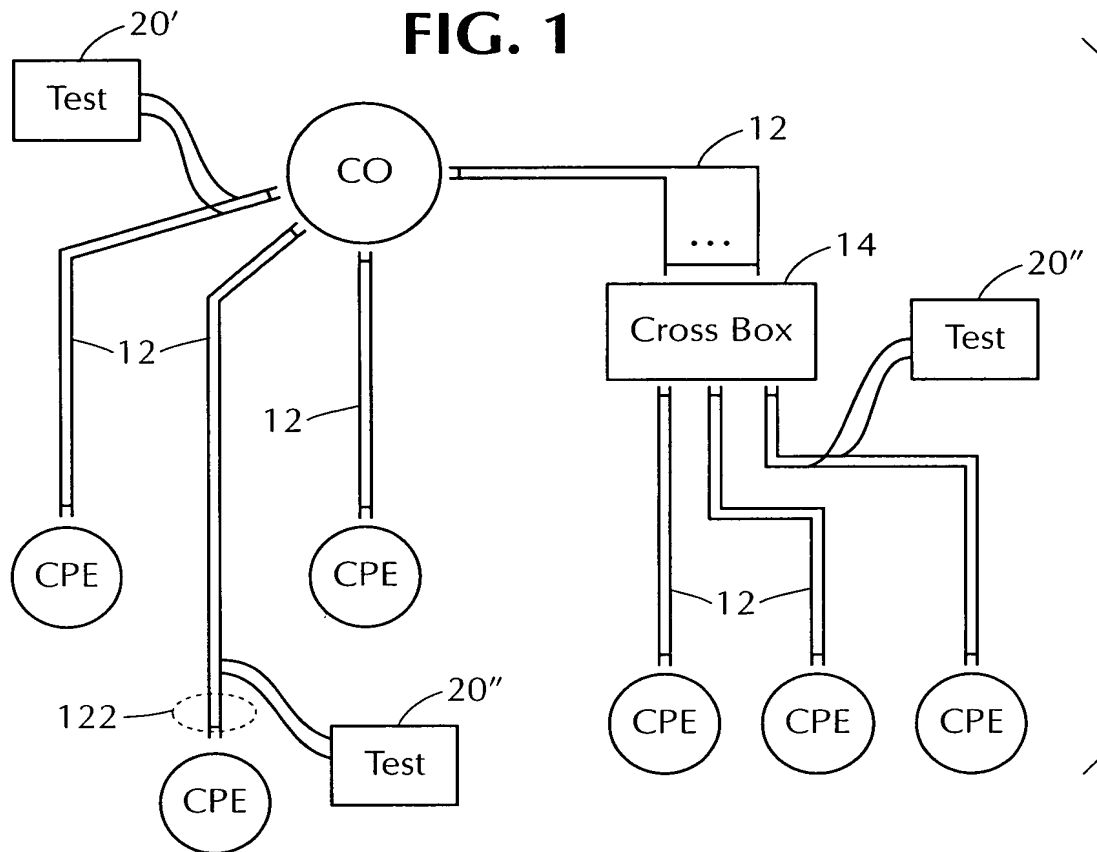
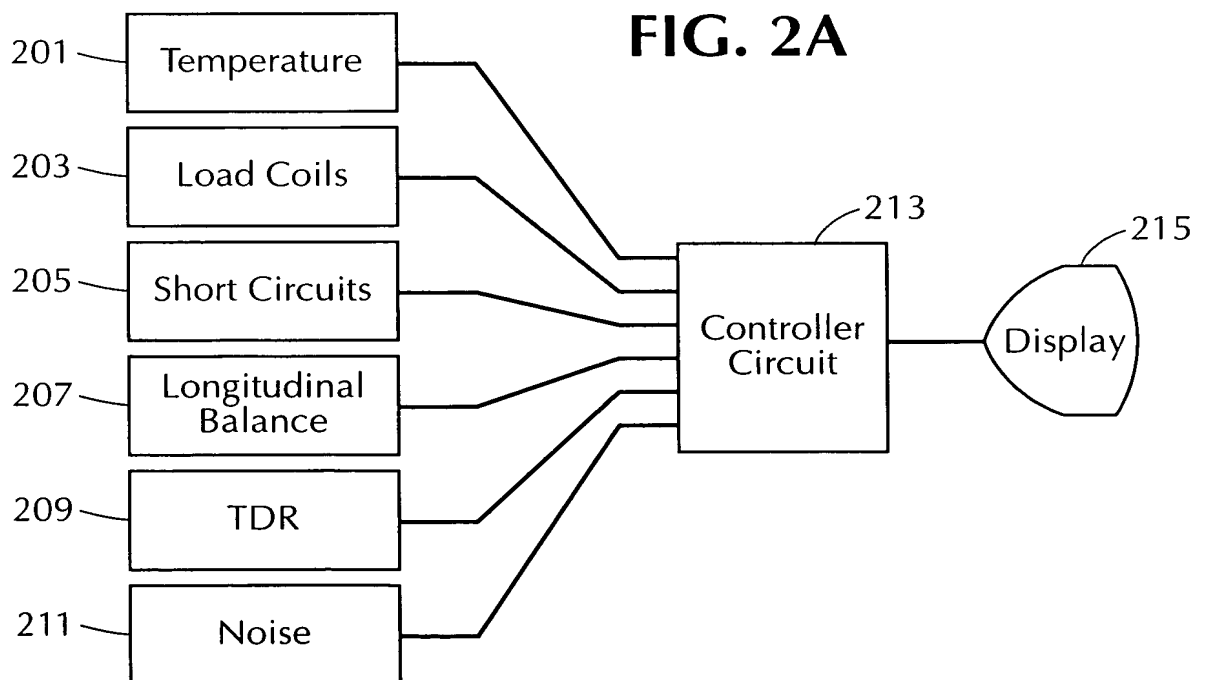


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FIG. 1**FIG. 2A**

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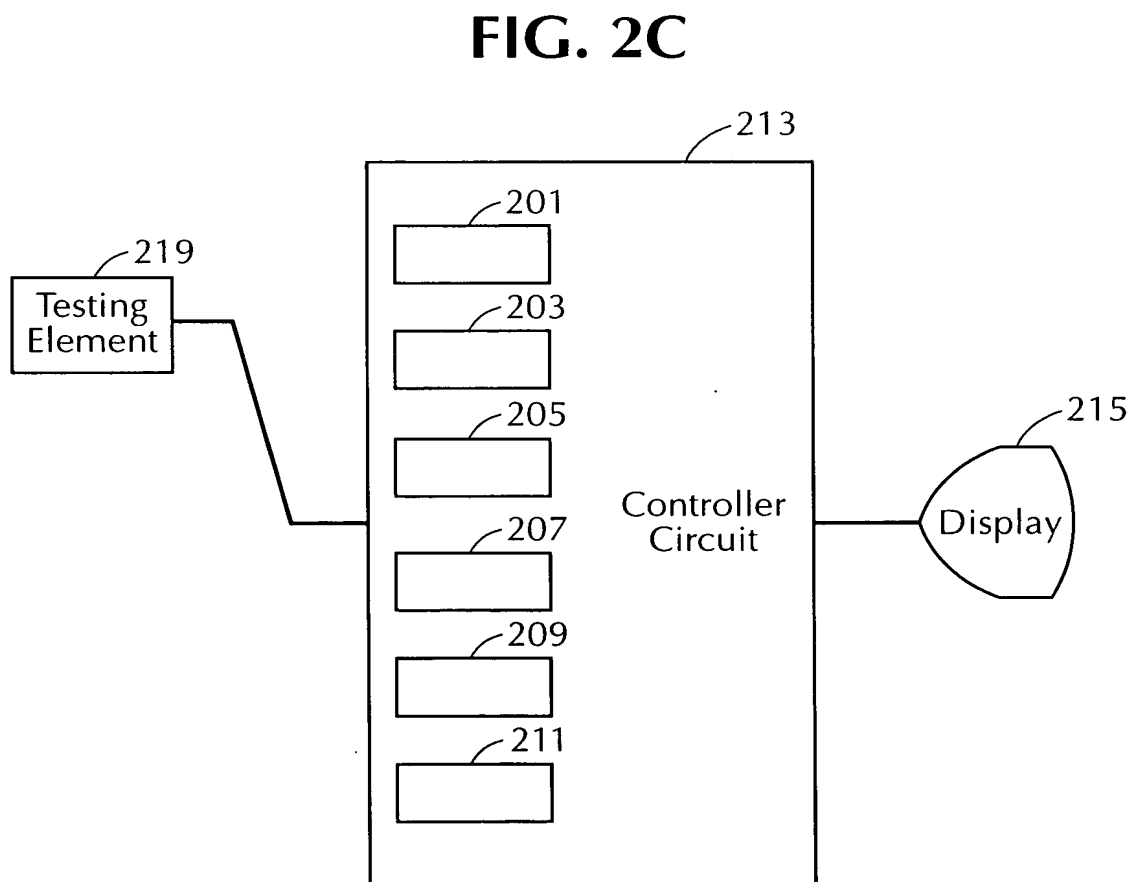
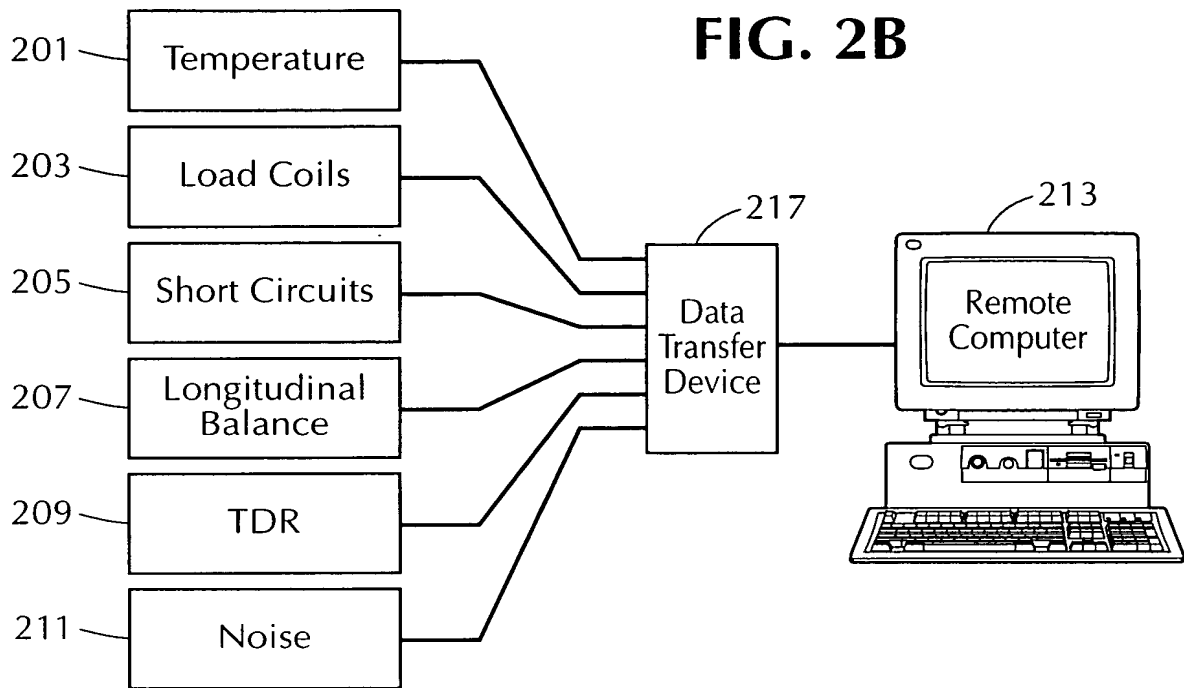
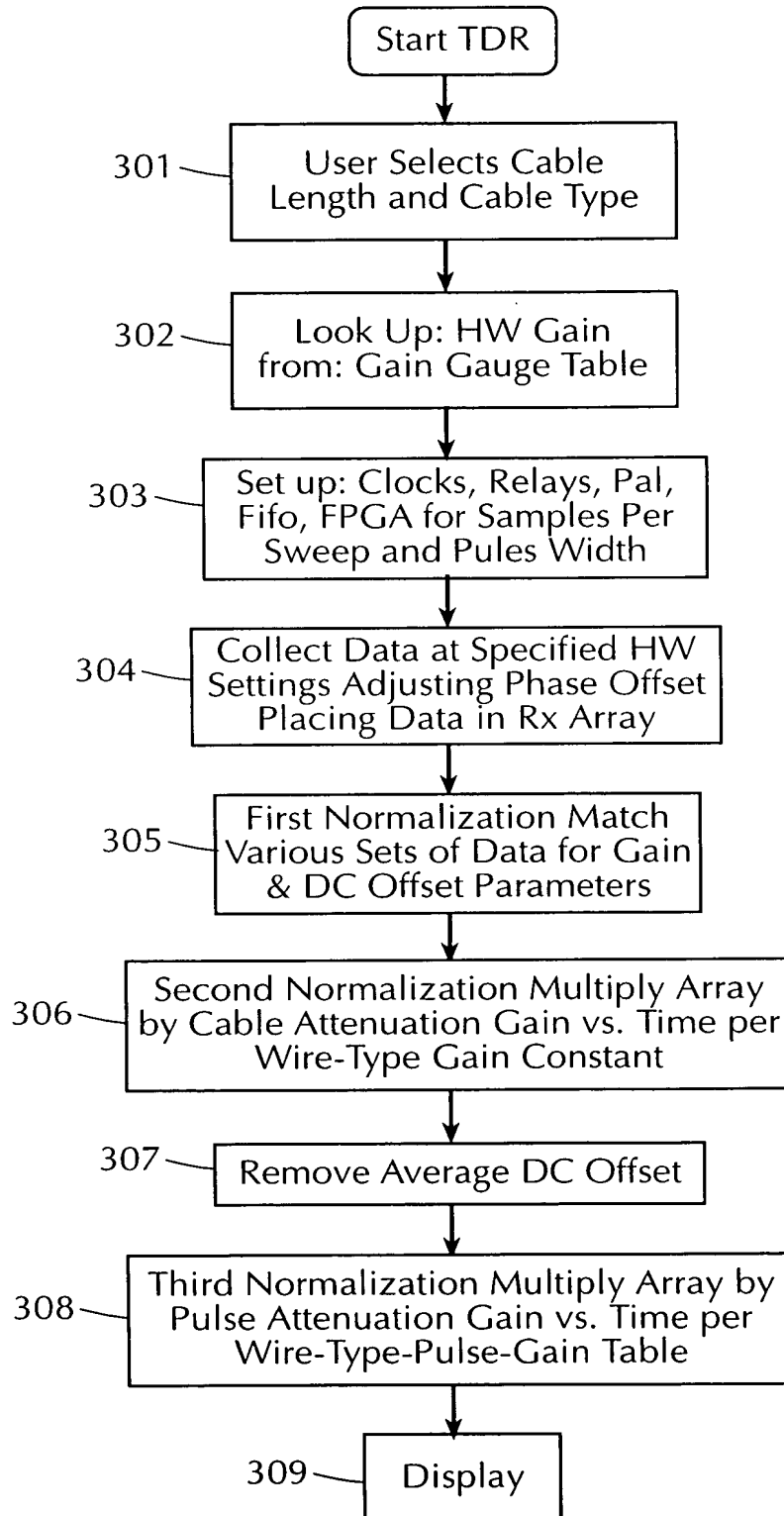


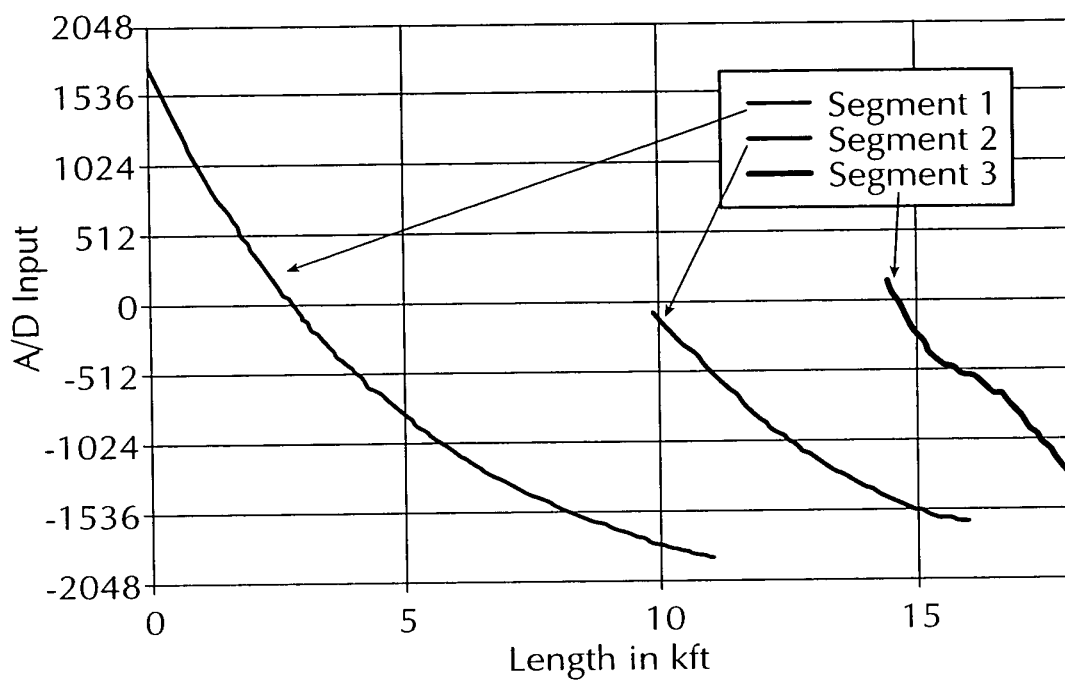
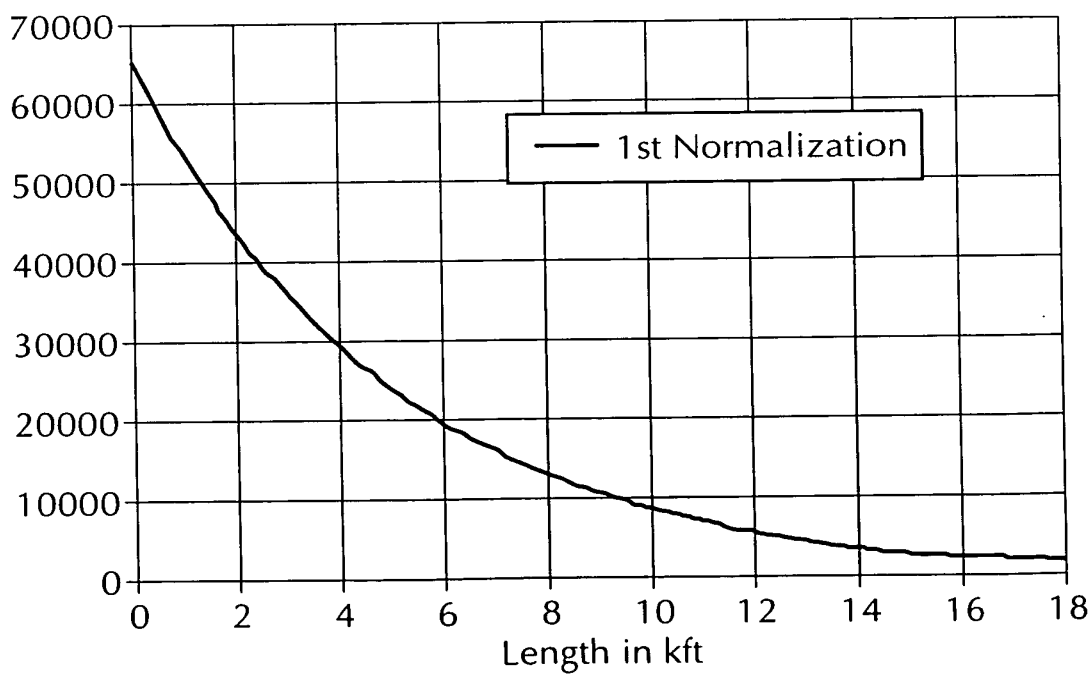
FIG. 3



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FIG. 5A**FIG. 5B**

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FIG. 6A

Gauge	Kg2@pw =250nS	Kg2@pw =469nS	Kg2@pw =1000nS	Kg2@pw =3000nS
19	9,342	13,270	17,499	20,839
22	7,206	10,196	13,305	15,068
24	6,008	8,503	11,009	12,001
26	4,855	6,858	8,790	8,804

FIG. 6B

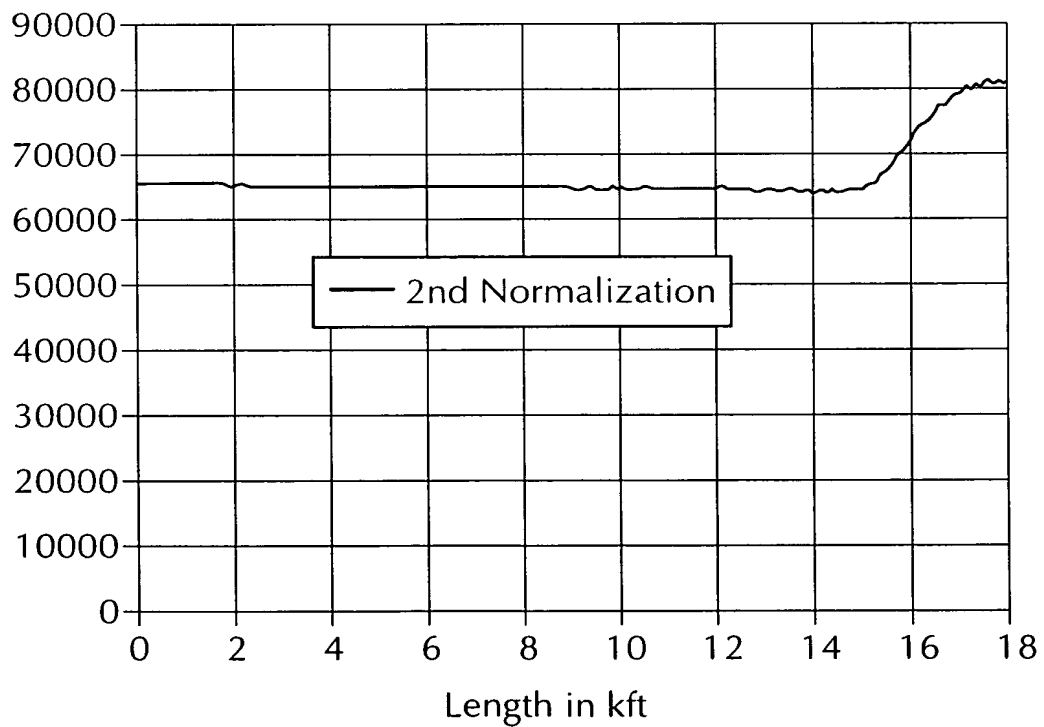
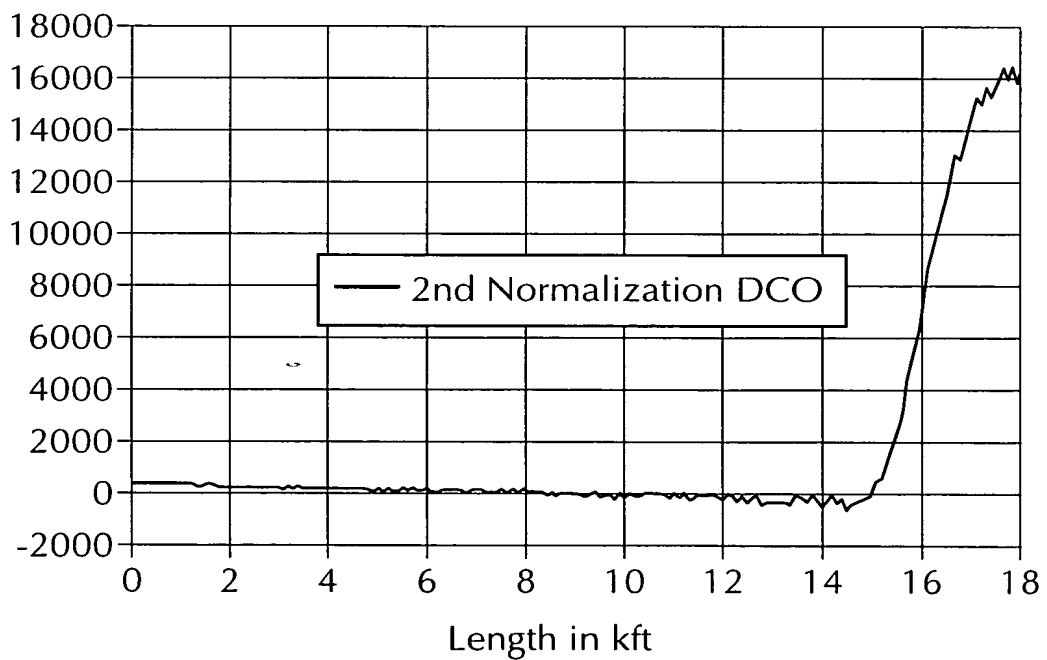


FIG. 7A

Wire Gauge	Offset_2nd_Norm pw=250nS	Offset_2nd_Norm @pw=469nS	Offset_2nd_Norm @pw=1000nS	Offset_2nd_Norm @pw=3000nS
19	50,600	71,877	94,785	112,879
22	39,035	55,229	72,067	81,621
24	32,541	46,057	59,634	65,005
26	26,297	37,147	47,613	47,690

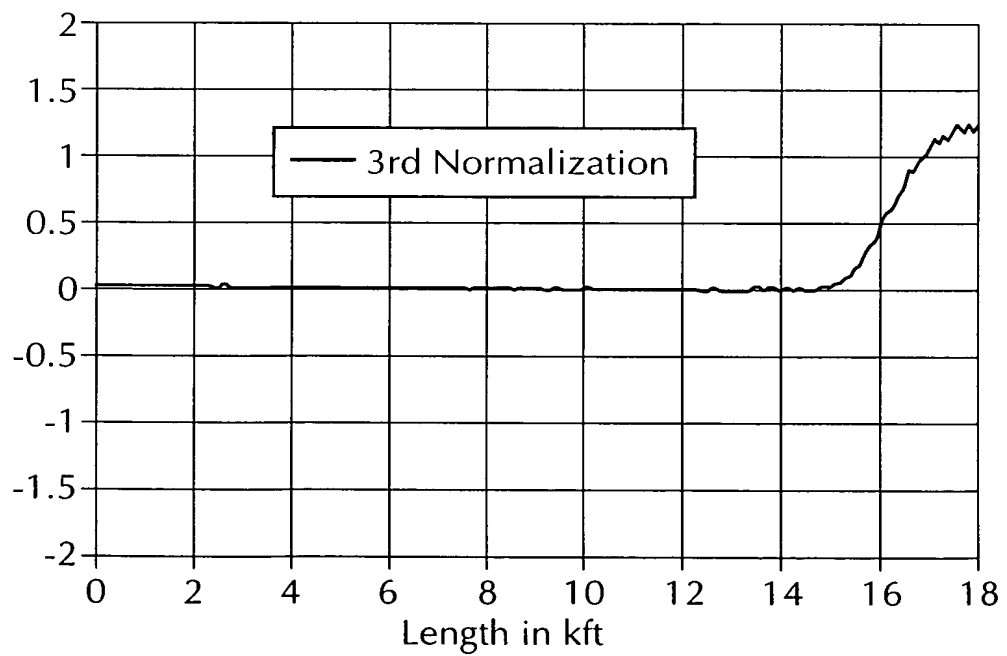
FIG. 7B



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FIG. 8A

Gauge	Kg3@pw =250nS	Kg3@pw =469nS	Kg3@pw =1000nS	Kg3@pw =3000nS
19	6,988	15,605	20,667	48,647
22	5,390	11,991	15,713	35,176
24	4,494	9,999	13,002	28,015
26	3,631	8,065	10,381	20,553

FIG. 8B

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FIG. 9A
Prior Art

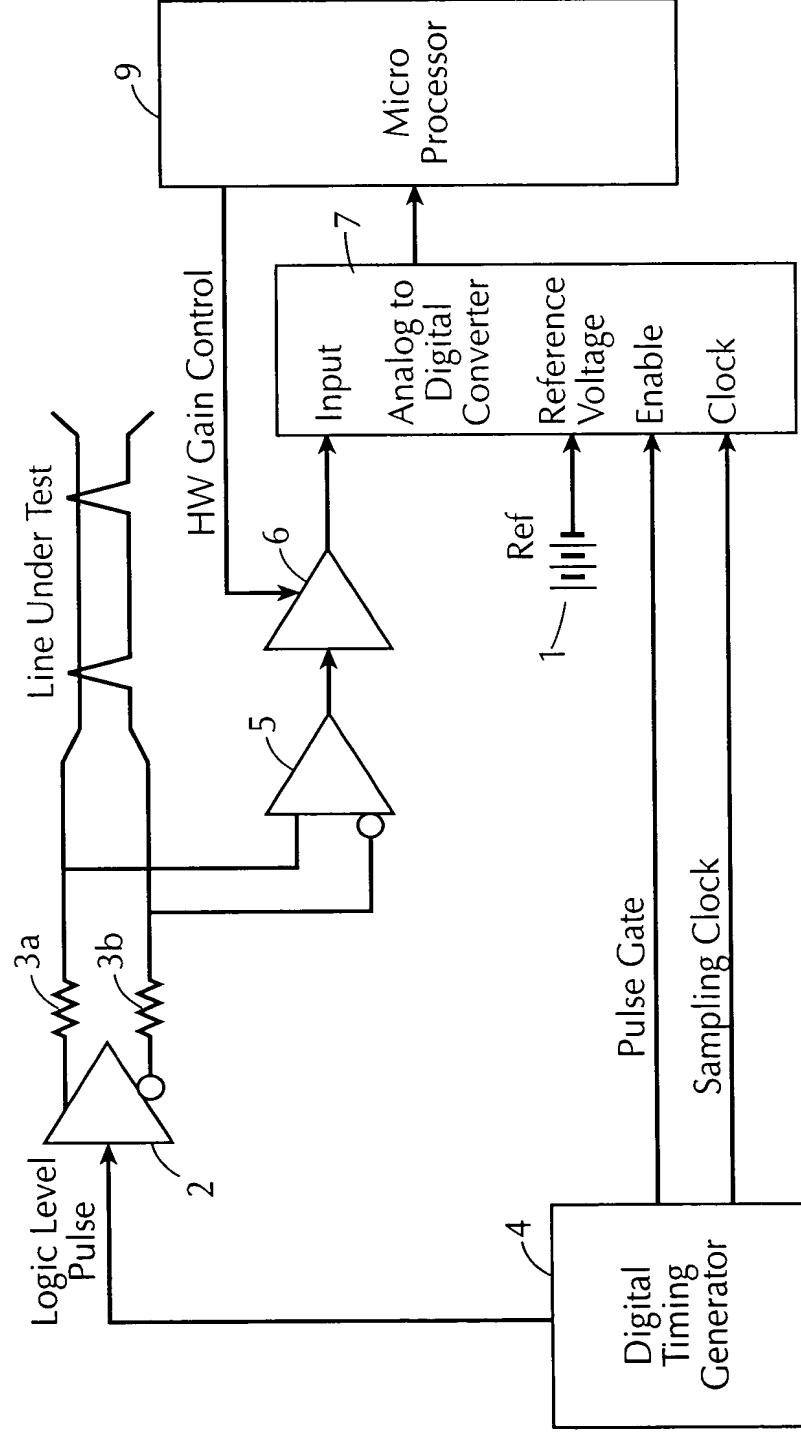


FIG. 9B

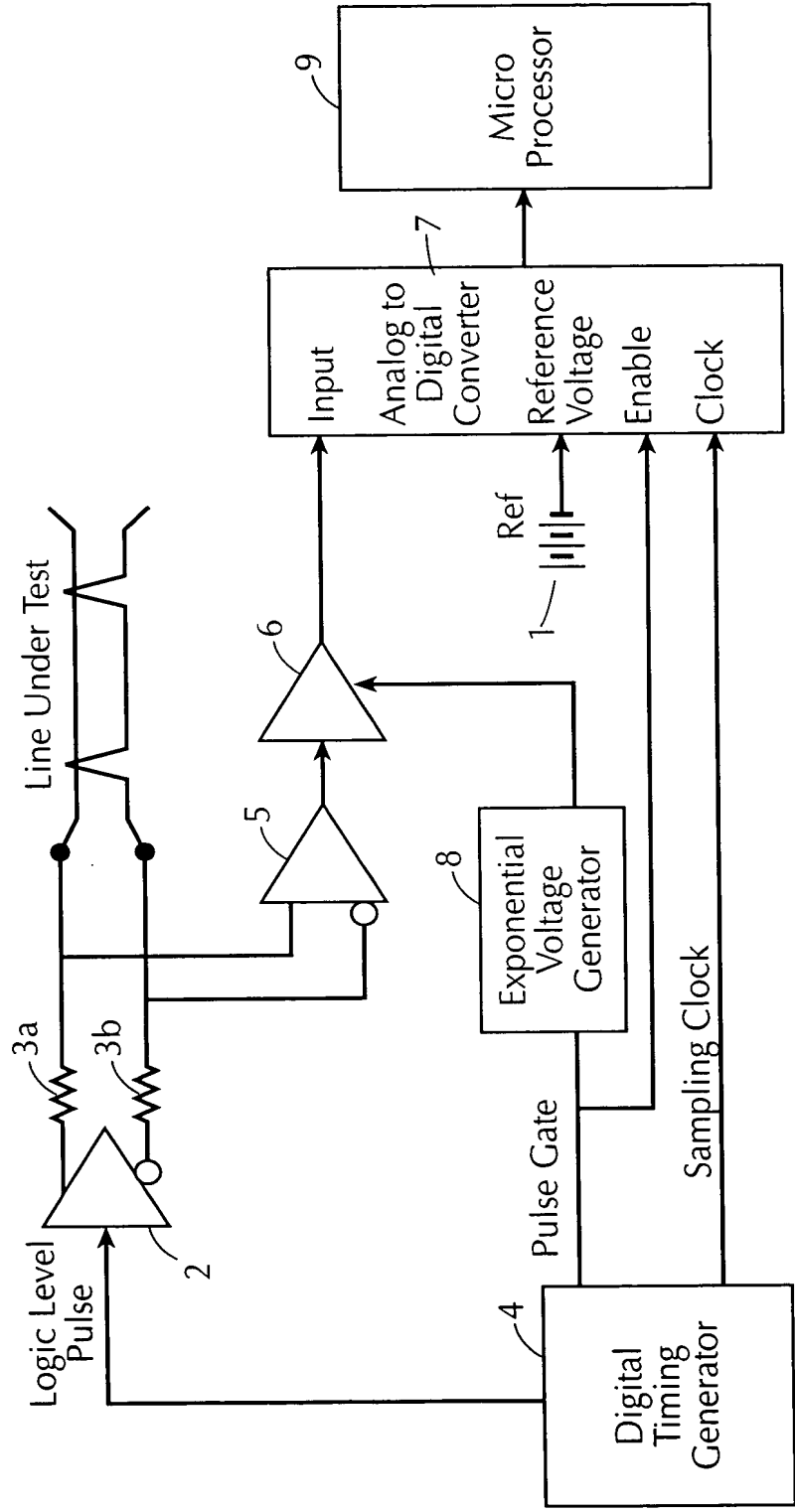


FIG. 9C

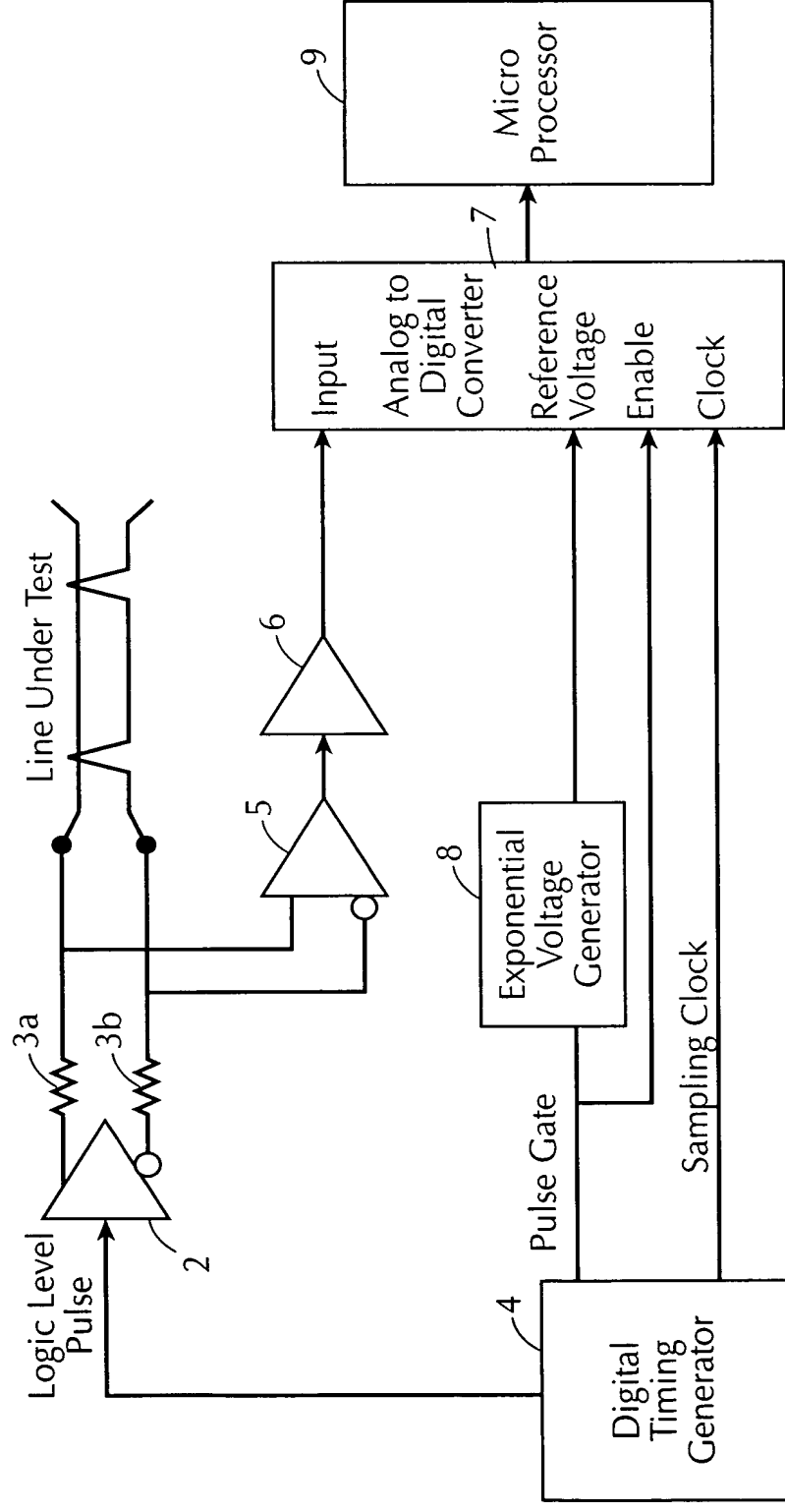


FIG. 9D

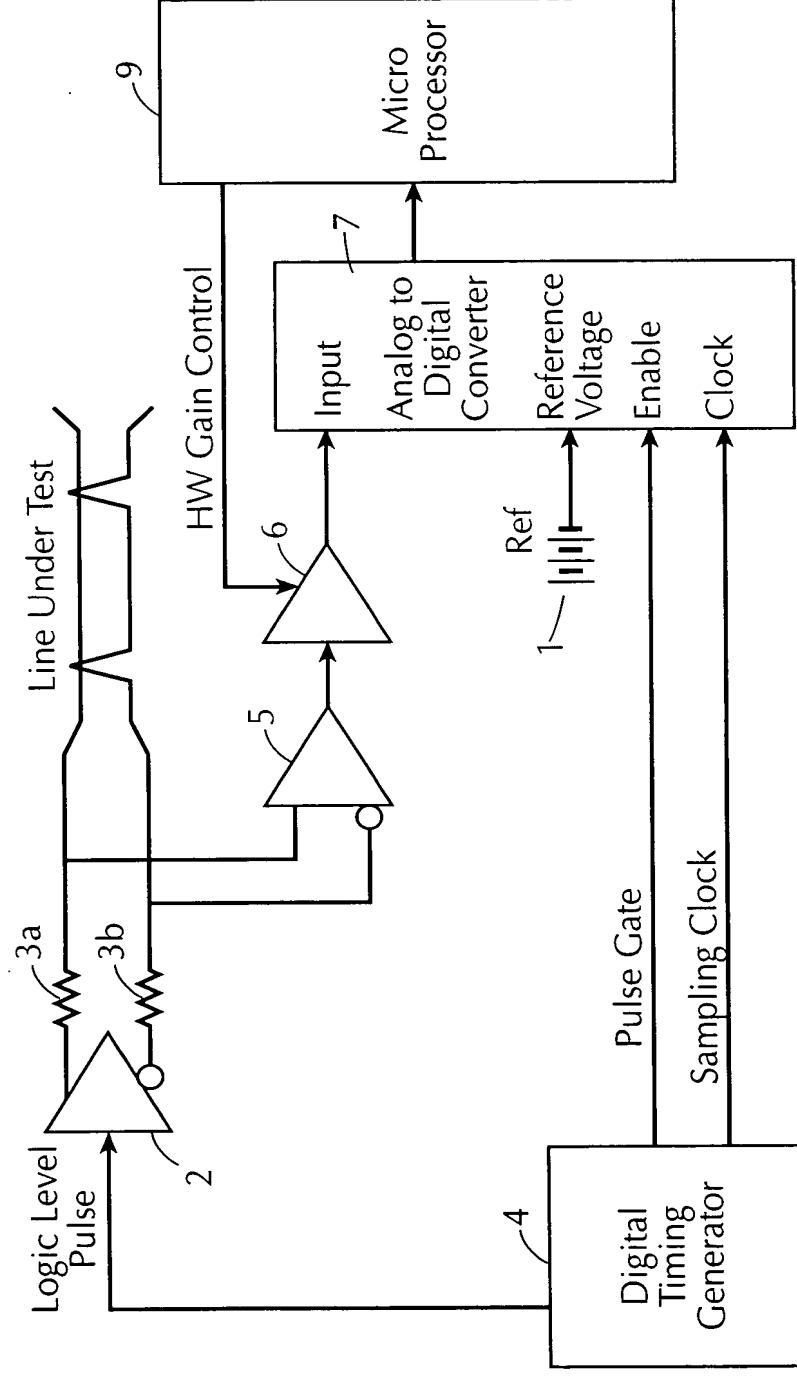


FIG. 10

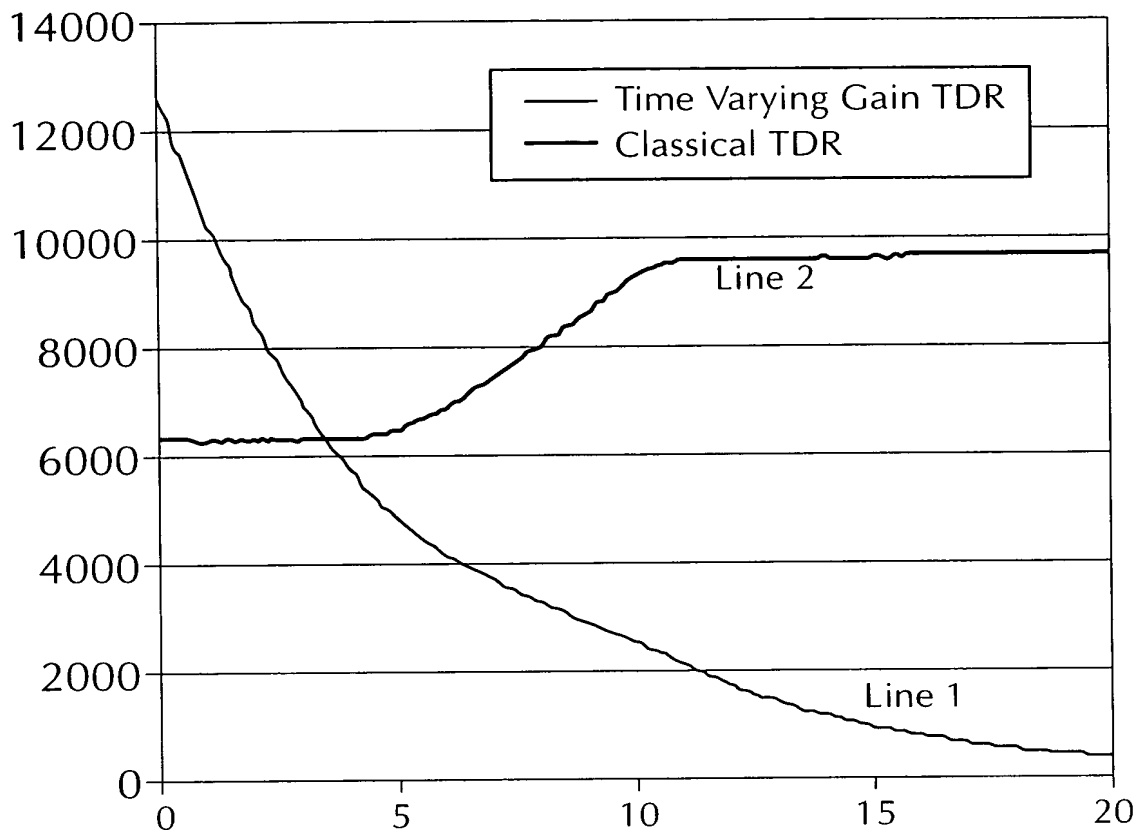


FIG. 11

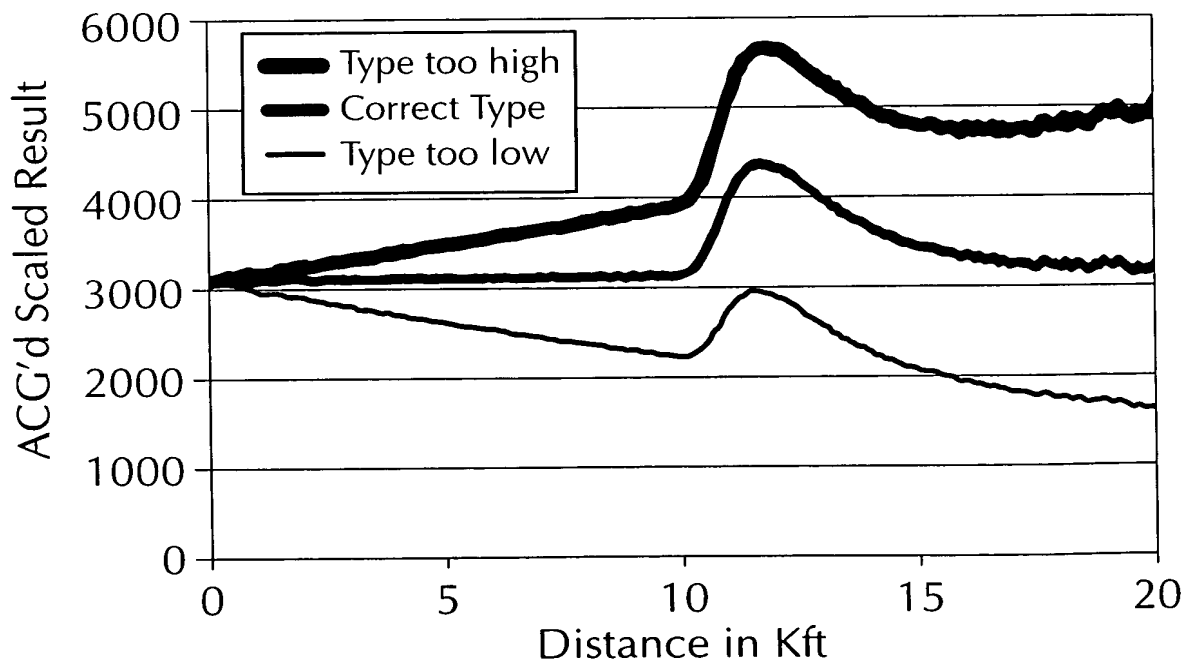


FIG. 12

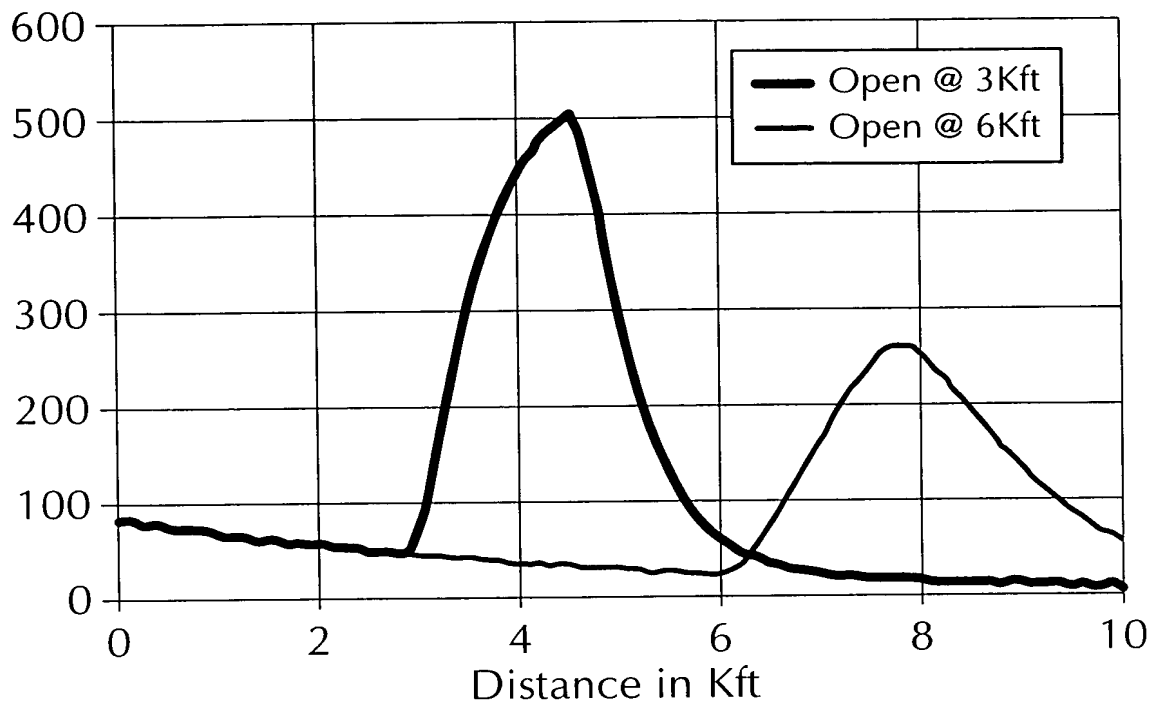


FIG. 13

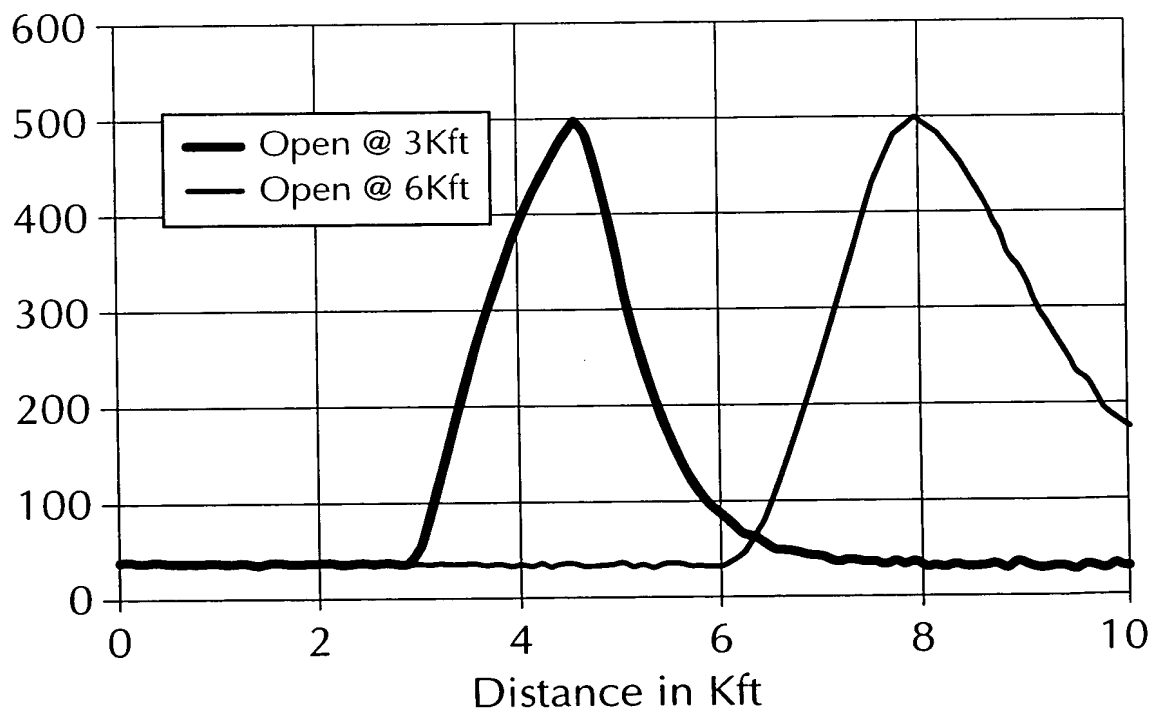


FIG. 14

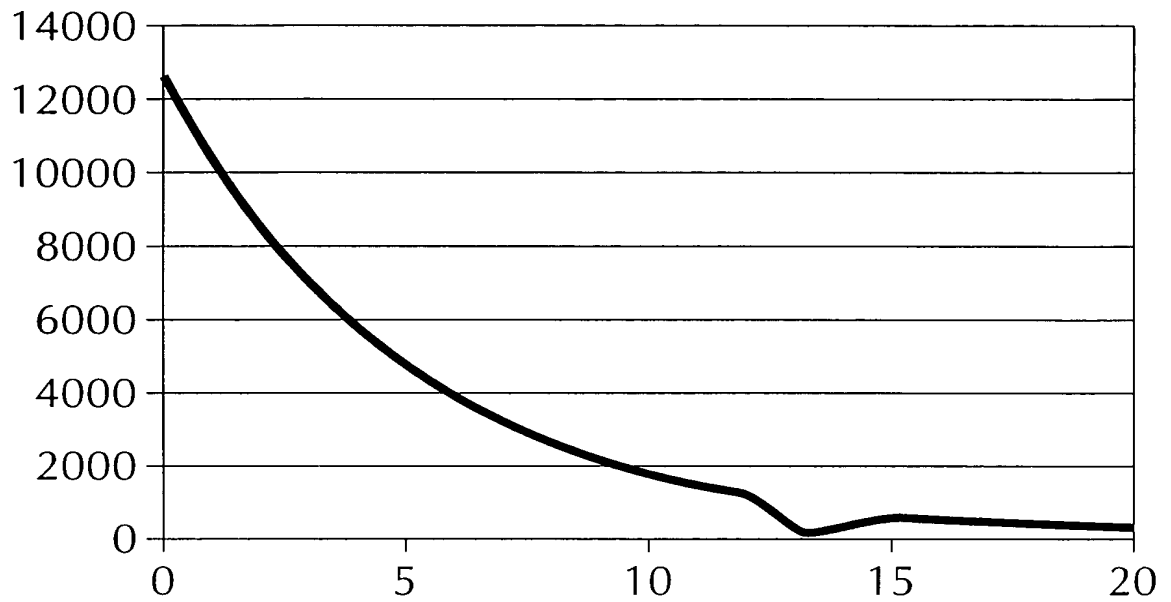
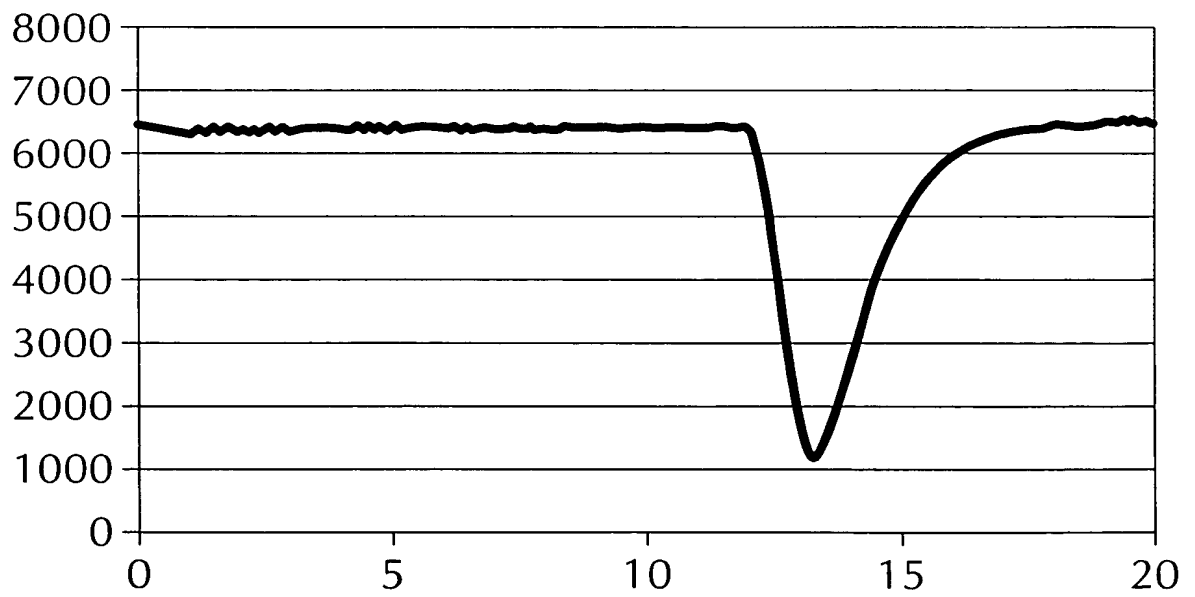


FIG. 15



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FIG. 16

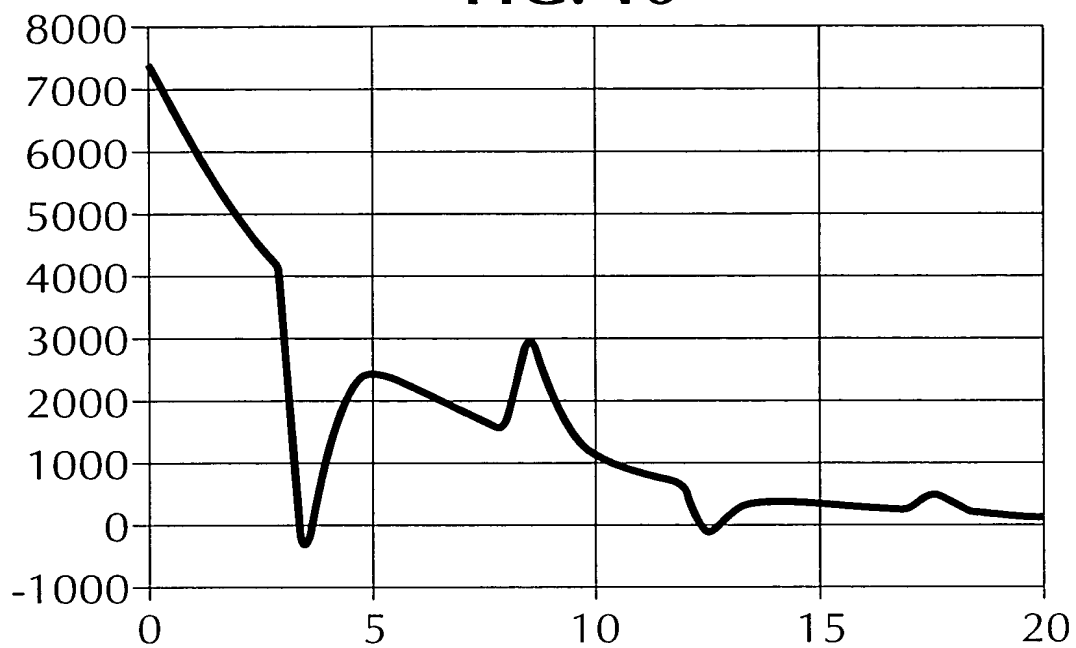
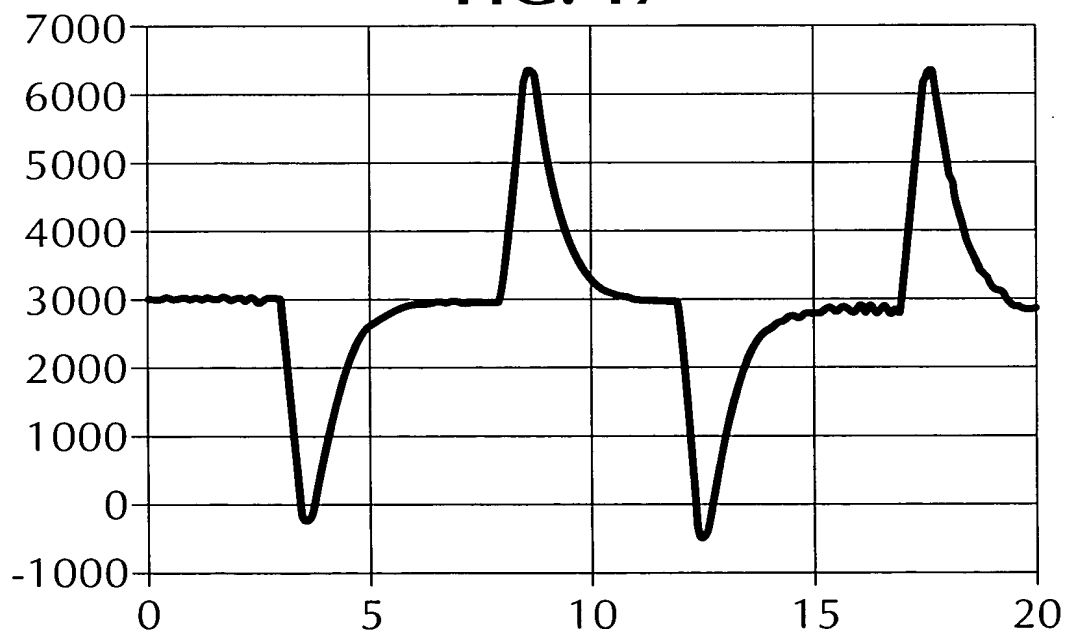


FIG. 17



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FIG. 18

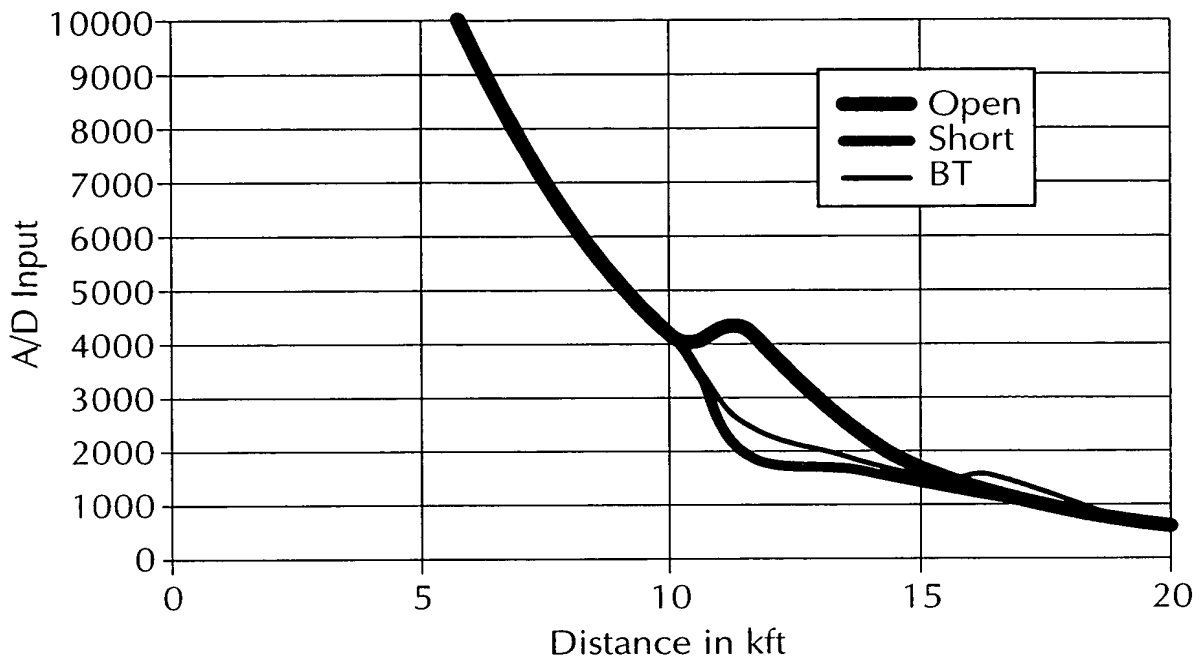


FIG. 19

